a processor for issuing a request to said plurality of shared memory devices for requesting access to one of said shared memory devices; and

a memory request processing section for processing said request issued to said plurality of shared memory devices,

wherein said memory request processing section processes said request to the shared memory device connected to said computer if said request requests access to the shared memory device connected to said computer, and sends said request to another computer to access the shared memory device connected to said another computer if said request requests access to the shared memory device connected to said another computer.

89.   (Amended)   A computer according to claim 88, wherein said memory request processing section further comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared memory device is requested by said request according to said structural definition information.

90.   (Amended)   A computer according to claim 89, wherein said memory request processing section further comprises:

a request acceptance judging section for checking whether the sender of said request has access right to a shared memory device to which access is requested according to said structural definition information,

wherein said structural definition information includes a password to allow access to said shared memory device to which access is requested.

91.   (Amended)   A computer according to claim 89, wherein said structural definition information includes information indicating a correspondence between each of said plurality of shared memory devices and a plurality of identifiers.

92.   (Amended)   A computer according to claim 88, wherein said memory request processing section comprises:

a remote processing request section for issuing a remote request to said another computer to access the shared memory device connected to said another computer.

93.   (Amended)   A computer system comprising:

a plurality of computers as defined in claim 88; and

a computer coupling mechanism which connects said plurality of computers to each other,

wherein said each of said plurality of computers sends said request to said computer coupling mechanism if a shared memory device to which access is requested is connected to another computer connected to said computer coupling mechanism.

94.   (Amended)   A computer system according to claim 93, wherein said memory request processing section further comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared memory device to which access is requested by said request according to said structural definition information.

95.   (Amended)   A computer system according to claim 94, wherein said memory request processing section further comprises:

a request acceptance judging section for checking whether the sender of said request has access right to a shared memory device to which access is requested according to said structural definition information,

wherein said structural definition information includes a password to allow access to said shared memory device to which access is requested.

96.   (Amended)   In a computer system having a plurality of computers connected to each other and a plurality of shared disks each being coupled to one of said plurality of computers and said each of plurality of computers includes a disk request processing section which controls access to said plurality of shared disks, said disk request processing section comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared disk to which access is requested by a request according to said structural definition information.

4

97.   (Amended)   A disk request processing section according to claim 96, wherein said disk request processing section further comprises:

a request acceptance judging section for checking whether a sender of said request has access right to a shared disk to which access is requested according to said structural definition information,

wherein said structural definition information includes a password to allow access to said shared disk to which access is requested.

98.   (Amended)   A disk request processing section according to claim 96, wherein said structural definition information includes information indicating a correspondence between each of said shared disks and a plurality of identifiers.

99.   (Amended)   A disk request processing section in claim 96, wherein said disk request processing section comprises:

a remote processing request section for issuing a remote request to another computer to access the shared disk connected to said another computer if access is requested to the shared disk connected to said another computer.

100.   (Amended)   In a computer system having a plurality of computers connected to each other and a plurality of shared disks each being coupled to one of said plurality of computers, each of said plurality of computers executes a computer program for controlling access to said plurality of shared disks to be accessed, said computer program comprising:

a first code for causing said computer to control access to a shared disk connected to said computer according to a request if said request requests access to the shared disk connected to said computer; and

a second code for causing said computer to send a request to another computer if said request requests access to a shared disk connected to said another computer.

101.   (Amended)   A computer program according to claim 100, further comprising:

a third code for causing said computer to store structural definition information in a memory, said structural definition information describes a structure of said computer system;

a fourth code for causing said computer to check whether said request requests access to the shared disk connected to said another computer according to structural definition information; and

a fifth code for causing said computer to send said request to said another computer if said request requests access to the shared disk connected to said another computer.

102.   (Amended)   A computer program according to claim 101, wherein said structural definition information includes information indicating a correspondence between each of said plurality of shared disks and a plurality of identifiers.

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend the claims as follows:

~~2~~88. (Amended) In a computer system having a plurality of computers connected to each other and a plurality of shared memory devices, each of said plurality of shared memory devices being coupled to one of said plurality of computers, each of said plurality of computers comprising:

a processor for issuing a request to said plurality of shared memory devices for requesting access to one of said shared memory devices; and

a memory request processing section for processing ~~a~~said request issued to said plurality of shared memory devices,

wherein said memory request processing section processes said request ~~according~~ to the ~~requested~~ shared memory device ~~is~~ connected to said computer if said request requests access to the shared memory device connected to said computer, and sends said request to another computer ~~according as the requested~~ to access the shared memory device ~~is~~ connected to said another computer if said request requests access to the shared memory device connected to said another computer.

~~3~~89. (Amended) A computer according to claim ~~2~~88, wherein said memory request processing section further comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared memory device is requested by said request according to said structural definition information.

4~~9~~0. (Amended) A computer according to claim ~~3~~89, wherein said memory request processing section further comprises:

a request acceptance judging section for checking whether the sender of said request has access right to ~~said requested~~ a shared memory device to which access is requested according to said structural definition information,

wherein said structural definition information ~~including~~ includes a password to allow ~~the~~ access to said ~~requested~~ shared memory device to which access is requested.

~~5~~91. (Amended) A computer according to claim ~~3~~89, wherein said structural definition information includes information indicating a correspondence between each of said plurality of shared memory devices and a plurality of identifiers.

~~6~~92. (Amended) A computer according to claim ~~2~~88, wherein said memory request processing section comprises:

a remote processing request section for issuing a remote request to said another computer to access ~~said~~ the shared memory device connected to said another computer.

~~7~~93. (Amended) A computer system comprising:

a plurality of computers as defined in claim ~~2~~88; and

a computer coupling mechanism which connects said plurality of computers to each other,

wherein said each of said plurality of computers sends said request to said computer coupling mechanism ~~according as said requested~~ if a shared memory device to which access is requested is connected to another ~~through said~~ computer connected to said computer coupling mechanism.

8~~9~~4. (Amended) A computer system according to claim ~~7~~93, wherein said memory request processing section further comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared memory device to which access is requested by said request according to said structural definition information.

9~~9~~5. (Amended) A computer system according to claim 94~~8~~, wherein said memory request processing section further comprises:

a request acceptance judging section for checking whether the sender of said request has access right to ~~said requested~~ a shared memory device to which access is requested according to said structural definition information,

wherein said structural definition information ~~including~~includes a password to allow ~~the~~access to said ~~requested~~shared memory device to which access is requested.

~~10~~96. (Amended) In a computer system having a plurality of computers connected to each other and a plurality of shared disks each being coupled to ~~each~~one of said plurality of

computers and said each of plurality of computers includes a disk request processing section which controls access to said plurality of shared disks, said disk request processing section comprises:

a memory for storing structural definition information which describes a structure of said computer system; and

a request judging section for judging which shared disk to which access is requested by ~~said~~a request according to said structural definition information.

~~11~~97. (Amended)   A disk request processing section according to claim ~~10~~96, wherein said disk request processing section further comprises:

a request acceptance judging section for checking whether ~~the~~ a sender of said request has access right to ~~said requested~~a shared disk to which access is requested according to said structural definition information,

wherein said structural definition information ~~including~~includes a password to allow ~~the~~ access to said ~~requested~~ shared disk to which access is requested.

~~12~~98. (Amended)   A disk request processing section according to ~~in~~ claim 96~~10~~, wherein said structural definition information includes information indicating a correspondence between each of said shared disks ~~memory devices~~ and a plurality of identifiers.

~~13~~99. (Amended)   A disk request processing section in claim ~~10~~96, wherein said disk request processing section comprises:

a remote processing request section for issuing a remote request to ~~said~~
another computer to access ~~said~~the shared ~~memory device~~ disk connected to said another
computer if access is requested to the shared disk connected to said another computer.

~~14~~100. (Amended)   In a computer system having a plurality of computers connected
to each other and a plurality of shared ~~disk~~disks each being coupled to ~~each~~one of said
plurality of computers, ~~and~~each of said plurality of computers ~~is directed by~~executes a
computer program for controlling access to said plurality of shared ~~disk~~disks to be accessed,
said computer program comprising:

a first code for causing said ~~each of plurality of~~computer to control access to a
~~said plurality of~~shared disk ~~to be accessed~~connected to said computer according to a request
if said request requests access to the ~~as said requested~~ shared disk ~~is~~connected to said
computer; and

a second code for causing said ~~each of plurality of computers~~computer to send
a request to another computer if said request requests access to a ~~according as said requested~~
shared disk ~~is~~connected to said another computer.

~~15~~101. (Amended)   A computer program according to claim ~~14~~100, further
~~comprises~~ comprising:

a third code for causing said computer to store structural definition
information in a memory, said structural definition information describes a structure of said
computer system;

a fourth code for causing said computer to check whether said ~~requested~~ request requests access to the shared disk ~~is~~ connected to said another computer according to structural definition information; and

a fifth code for causing said computer to ~~determine to~~ send said request to said another computer if said request requests access to the shared ~~according as said requested share~~ disk ~~is~~ connected to said another computer.

~~16~~102. (Amended)   A computer program according to claim ~~15~~101, wherein said structural definition information includes information indicating a correspondence between each of said plurality of shared ~~memory~~ disks and a plurality of identifiers.

~~17~~103. (Amended)   A computer program according to claim ~~14~~100, wherein said second code comprises:

a code for causing said ~~each of plurality of computers~~ computer to issue a remote request to said another computer to access the ~~said requested~~ shared ~~memory~~ disk connected to said another computer if access is requested to the shared disk connected to said another computer.